

R E M A R K S

Appropriate changes have been made to overcome '102 and '112 objections.

Regarding the claims, it is noted that claims 27-29 were not rejected on prior art, whereby they should be allowable. Structure defined in g) of claim 27 has been incorporated, and adds to the novelty and unobviousness. It reads on the device of Figs. 9-11, and defines the stiffened corner for example seen at 112d in Fig. 11, and described at page 11, line 7, and lines 10-12, which fixes angle Δ , positively orienting the basic downward, floor facing direction of the bristles or pad 114a (Fig. 11) while also accommodating flexing of the living hinge as at 112c, which in turn accommodates and facilitates continued downward facing of the pad or bristles and their floor engagement at different mop handle angularities during mopping and floor scrubbing. The art fails to suggest such a device and its unusually effective combination of elements together with corner stiffening for structural orientation and hinging to accommodate different handle angularities with dual assured bristle or pad orientation as claimed. Such duality is of increased

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importance for scrubbing, where use of handles of different sizes and weights is provided for. Note also in claim 26 the recited co-planar relation of the stiffened corner, the living hinge and the plate portion to which the pad is attached. See Fig. 11. This is very unobvious. Allowance of claims 27-29 is again urged.

Base claims 1 and 11 contain language similar to that in claim 27, and argued above, and should also be allowable for similar reasons.


Schulman and Paul have no such structure supporting and assuring dual floor facing orientation of bristles, as during mop handle up and down movement.

In Schulman; bristles have fixed positions relative to handle 4; the same is true in Paul since his bristle head extends outwardly to the right, next to plate 48, preventing hinging therebetween; and Williams and Jannicelli are remotely different from the presently claims structure. No art suggests modification of these references, or others, in a direction toward the totality of each claim now presented. No art suggests provision for use of different size or type mop handles, as also provided for.

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Allowance is respectfully urged. A call from
Examiner to discuss any remaining issue is invited.

Respectfully submitted,



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